



FORM PTO-1449	SERIAL NO. 09/575,307	CASE NO. 3086/1154
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	FILING DATE May 19, 2000	GROUP ART UNIT 1657
APPLICANT(S): Brovelli et al.		

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS/SUBCLASS	FILING DATE
MM	A1	4,857,512	08/15/89	Wagner et al.	574
	A2	5,401,502	03/28/95	Wunderlich et al.	424
	A3	5,578,307	11/26/96	Wunderlich et al.	424
	A4	5,876,728	03/02/99	Kass et al.	424
	A5	5,939,071	08/17/99	Joseph	424

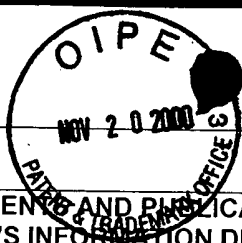
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/SUBCLASS	TRANSLATION	
					YES	NO
MM	A6	WO 99/21007	29/04/99	PCT	X	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
MM	A7	<i>Tumor Inhibitors 3. Identification and Synthesis of an Oncolytic Hydrocarbon From American Coneflower Roots</i> ; Denys J. Voaden and Martin Jacobson; Journal of Medicinal Chemistry, 1972, Vol. 15, No. 6, pp. 619-623. (Abstract only)
	A8	Chemical Abstract Vol. 47, p. 6048, <i>The Influence of Echinacea Purpurea Upon the System Hypophys-Adrenals</i> ; E. Koch and H. Uebel (Biol. Inst. Dr. Madaus, Cologne-Merheim, Ger.) <i>Arzneimittel-Forsch</i> 3, 133-7 (1953). (Abstract only)
	A9	Chemical Abstract Vol. 53, p. pp. 8550-8551, <i>Recovery of Active Agents from Aqueous Extracts of the Species of Echinacea</i> , Chemie Grunenthal G.m.b.H. (Herbert Keller, Inventor). Ger. 950,674, Oct. 11, 1956. (Abstract only)
	A10	Chemical Abstract Vol. 56, p. 7444, <i>Physiological Active Solutions from Echinacea Extracts</i> ; Frithjof Martin. Ger. (East) 21,788, Appl. Dec. 12, 1958.
	A11	Chemical Abstract No. 68: 2529g, <i>Polyacetylene Compounds in Echinacea Purpurea and E. Angustifolia</i> , K.E. Schulte, G. Ruecker, and J. Perlick (Westfaelischen Wilhelms-Univ., Muenster, Ger.), <i>Arzneim-Forsch</i> 17(7), 825-9 (1967)(Ger). (Abstract only)
	A12	Chemical Abstract No. 90: 43820t, <i>Pharmaceuticals Containing Lactic Acid Derivatives and Echinacea</i> , Reith, Franz Josef Ger. Offen. 2,721,014 16, Nov. 1978, Appl. 10 May 1977; 10 pp. (Abstract only)
	A13	Chemical Abstract No. 97: 74281s, <i>Low-Molecular-Weight Polysaccharides from Plants of Composite Families and Pharmaceuticals Compositions Containing Them</i> , Wagner, Hildebert; Stickl, Helmut; Drews, Juergen; Proksch, Angelika, Ger. Offen. DE 3,042,491, 15 Jul 1982, Appl 22 Nov 1980; 18 pp. (Abstract only)
	A14	Chemical Abstract No. 107: 12902m, <i>Isolation of Sesquiterpene Derivatives and pharmaceuticals Containing These Compounds</i> , Wagner, Hildebert; Bauer, Rudolf; Ott, Hoger, (LOMAPHARM, Rudolf Lohman M.m.b.H. K-G Pharmazeutische Fabrik) Ger. Offen. DE 3,522,075, 02 Jan 1987, Appl. 20 Jun 1985; 8 pp. (Abstract only)

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 7/3/01
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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE May 19, 2000	GROUP ART UNIT 1651 1844
(use several sheets if necessary)	APPLICANT(S): Brovelli et al.	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
MM	A15	Chemical Abstract No. 108: 173417t, <i>Echinacea. Comparative TLC and HPLC Analysis of Herbal Drugs from Echinacea Purpurea, E. Pallida and E. Angustifolia. Part 3</i> , Bauer, Rudolf; Remiger, Peter; Wagner, Hildebert (Inst. Pharm. Biol., Univ. Muenchen, D-800 Munich, 2 Fed. Rep. Ger.) Dtsch, Apoth. Ztg. 1988, 128(4), 174-80 (Ger). (Abstract only)
	A16	Chemical Abstract No. 109:L 27600b, <i>Polysaccharides Derived from Echinacea Plants as Immunostimulants</i> , Wagner, Hildebert; Zenk, Meinhard H; Ott, Holger (LOMAPHARM, Rudolf Lohman G.m.b.H. K-g. Pharmazeutische Fabrik) Ger. Offen. DE 3,541,945 04 Jun 1987, Appl. 27 Nov 1985; 10 pp. (Abstract only)
	A17	Chemical Abstract No. 112: 210981c, <i>Immunostimulant Echinacea Extracts Containing Carboxylic Acid Isobutylamides, Oxoalkenes and Oxoalkynes</i> , Bauer, Rudolf; Wagner, Hildebert (LOMAPHARM, Rudolf Lohmann G.m.b.H. K-G. Pharmazeutische Fabrik) Ger. Offen. DE 3,744,571, 13 Jul 1989, Appl. 30 Dec 1987; 10 pp. (Abstract only)
	A18	Chemical Abstract No. 117: 11849y, <i>Therapeutic Extracts of Echinacea Purpurea</i> , Etsuio, Bonbaruderi; Enriko, Furanji (Indena S.p.A.) Jpn. Kokai Tokyo Koho JP 04 82,838, [92 82,838], 16 Mar 1992, Appl. 90/196,383, 26 Jul 1990; 5 pp. (Abstract only)
	A19	Chemical Abstract No. 123: 82077a <i>Separation of Solvents from Fluid Mixtures in the Food and Drug Industries</i> , Mauz, Matthias Ger. Offen DE 4,326,842, 16 Feb 1995, Appl. 10 Aug 1993; 7 pp. (Abstract only)
	A20	Chemical Abstract No. 123: 237834w, <i>Transdermal Patch for Release of Active Agents from Hot-Melt Adhesives</i> , Hoffmann, Hans-Rainer; Roreger, Michael (ITs Lohmann Therapie-Systeme GmbH und Co. KG) Ger. DE 4,416,927 31 Aug 1995, Appl. 13 May 1994; 14 pp. (Abstract only)
	A21	Chemical Abstract No. 126: 166218x <i>In Vitro Effects of Echinacea and Ginseng on Natural Killer and Antibody-Dependent Cell Cytotoxicity in Health Subjects and Chronic Fatigue Syndrome or Acquired Immunodeficiency Syndrome Patients</i> , See, Darryl.M.; Broumand, Nikki; Sahl, Lisa; Tilles, Jeremiah G. (Department of Medicine, Division of Infectious Diseases, U.C. Irvine Medical Center, 101 The City Dr., Orange CA 92668 USA), Immunopharmacology 1997, 35(3), pp. 229-235, Elsevier. (Abstract only)
	A22	Chemical Abstract No. 127: 351175q, <i>Pharmaceutical Grade Botanical Drugs</i> , Khwaja, Tasneem A.; Friedman, Elliot P. (Friedmann, Elliot P.; Khwaja, Tasneem A.; Pharmaprint, Inc.; Univeristy of Southern California, USA) PCT Int. Appl. WO 97 39,355 23 Oct 1997, US Appl. 623,273, 15 Apr 1996; 222 pp. (Abstract only)
	A23	Chemical Abstract No. 129: 14170z, <i>Gas Chromatography-Mass Spectral Analysis of Roots of Echinacea Speices and Classification by Multivariate Data Analysis</i> , Lienert, Doris; Anklam, Elke; Panne, Ulrich (Joint Research Centre Inspra, Commission of the European Union, Environment Institute, I-21020 Ispra, Italy), Phytochem. Anal. 1998, 9(2), pp. 88-98, John Wiley & Sons Ltd. (Abstract only)
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